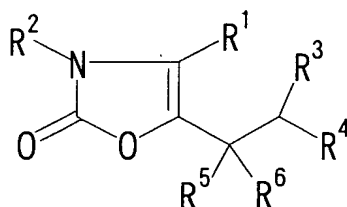


CLAIMS

1. A method of producing a compound represented by the formula



5

wherein

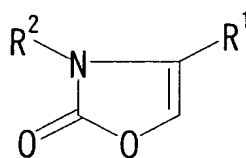
R¹ and R² are each a hydrogen atom, an optionally substituted hydrocarbon group or an optionally substituted heterocyclic group,

10 R³ is an electron-withdrawing group, and

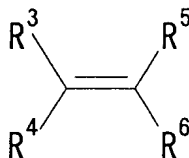
R⁴, R⁵ and R⁶

are each a hydrogen atom or an optionally substituted hydrocarbon group, or a salt thereof, which method comprises reacting a

15 compound represented by the formula



wherein the symbols in the formula are as defined above, or a salt thereof, with a compound represented by the formula



20

wherein the symbols in the formula are as defined above, or a salt thereof, in the presence of an acid or a base.

2. The production method of claim 1, wherein R¹ and R² are each a hydrogen atom, an optionally substituted

25

alkyl group, an optionally substituted aralkyl group, an optionally substituted aryl group or an optionally substituted heterocyclic group.

5 3. The production method of claim 1, wherein R¹ is an optionally substituted aryl group or an optionally substituted aromatic heterocyclic group.

4. The production method of claim 1, wherein R¹ is an
10 optionally substituted phenyl group.

5. The production method of claim 1, wherein R² is a hydrogen atom.

15 6. The production method of claim 1, wherein R⁴, R⁵ and R⁶ are each a hydrogen atom, an optionally substituted alkyl group or an optionally substituted aryl group.

7. The production method of claim 1, wherein R⁴, R⁵ and
20 R⁶ are each a hydrogen atom.

8. The production method of claim 1, wherein R³ is -CN, -COOR⁷ (R⁷ is a hydrogen atom or an optionally substituted hydrocarbon group) or -COR⁸ (R⁸ is a hydrogen
25 atom, an optionally substituted hydrocarbon group or an optionally substituted heterocyclic group).

9. The production method of claim 1, wherein R³ is -CN.

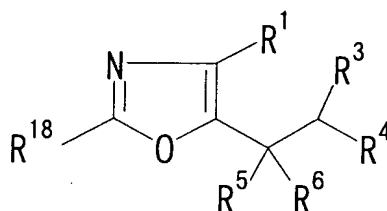
30 10. The production method of claim 1, wherein R³ is -COOR⁷ (R⁷ is a hydrogen atom or an optionally substituted alkyl group).

11. The production method of claim 1, wherein R³ is -COR⁸
35 (R⁸ is a hydrogen atom, an optionally substituted alkyl

group or an optionally substituted aryl group).

12. The production method of claim 1, wherein the reaction is carried out in the presence of an acid.

13. A method of producing a compound represented by the formula



wherein

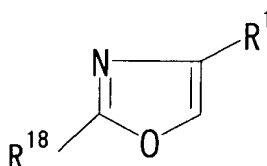
10 R¹ is a hydrogen atom, an optionally substituted hydrocarbon group or an optionally substituted heterocyclic group,

R³ is an electron-withdrawing group,

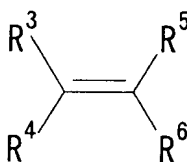
R⁴, R⁵ and R⁶

15 are each a hydrogen atom or an optionally substituted hydrocarbon group, and

R¹⁸ is an optionally substituted amino group, or a salt thereof, which method comprises reacting a compound represented by the formula

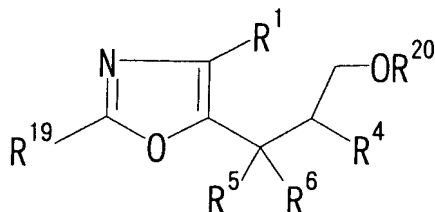


wherein the symbols in the formula are as defined above, or a salt thereof, with a compound represented by the formula



wherein the symbols in the formula are as defined above,
or a salt thereof, in the presence of an acid.

14. A method of producing a compound represented by the
5 formula



wherein

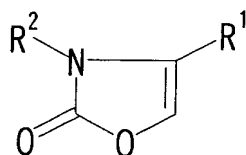
R¹ is a hydrogen atom, an optionally substituted
hydrocarbon group or an optionally
10 substituted heterocyclic group,

R⁴, R⁵ and R⁶

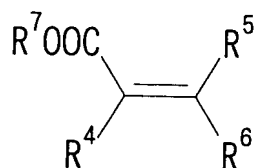
are each a hydrogen atom or an optionally
substituted hydrocarbon group,

R¹⁹ is an optionally substituted heterocyclic
15 group containing nitrogen, which is bonded
via a nitrogen atom, and

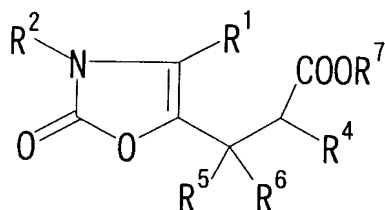
R²⁰ is an optionally substituted hydrocarbon
group, or a salt thereof, which method
comprises reacting a compound represented by the formula



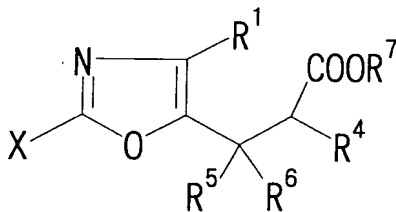
20 wherein R² is a hydrogen atom, an optionally substituted
hydrocarbon group or an optionally substituted
heterocyclic group, and the other symbol is as defined
above, or a salt thereof, with a compound represented by
25 the formula



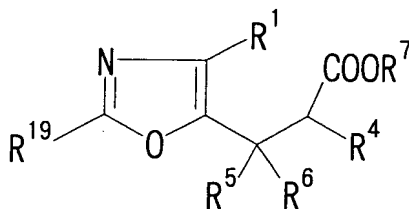
wherein R^7 is a hydrogen atom or an optionally substituted hydrocarbon group, and other symbols are as defined above, or a salt thereof, in the presence of an acid or a base to give a compound represented by the formula



wherein the symbols in the formula are as defined above, or a salt thereof, subjecting this compound to halogenation reaction to give a compound represented by the formula

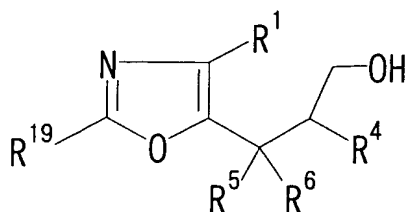


wherein X is a halogen atom, and other symbols are as defined above, or a salt thereof, reacting this compound with a compound represented by the formula: $R^{19}-H$ [R^{19} is as defined above] to give a compound represented by the formula

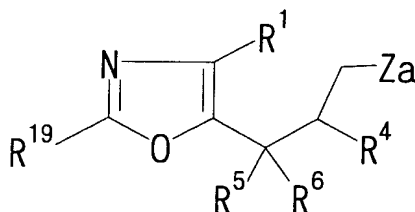


wherein the symbols in the formula are as defined above, or a salt thereof, subjecting this compound to a

reduction reaction to give a compound represented by the formula



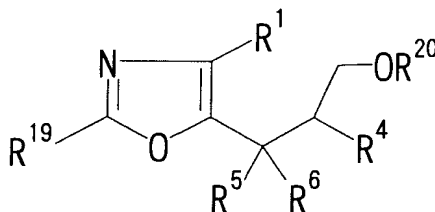
wherein the symbols in the formula are as defined above,
 5 or a salt thereof, reacting this compound with a
 compound represented by the formula: $R^{10}SO_2Cl$ [R^{10} is an
 optionally substituted alkyl group or an optionally
 substituted aryl group] or a halogenating agent to give
 a compound represented by the formula



10

wherein Za is a halogen atom or $-OSO_2R^{10}$ (R^{10} is as
 defined above), and other symbols are as defined above,
 or a salt thereof, and reacting this compound with a
 compound represented by the formula: $R^{20}-OH$ [R^{20} is as
 15 defined above].

15. A method of producing a compound represented by the
 formula



20 wherein

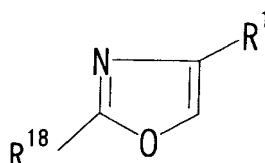
R^1 is a hydrogen atom, an optionally substituted
 hydrocarbon group or an optionally
 substituted heterocyclic group,

R⁴, R⁵ and R⁶

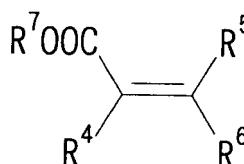
are each a hydrogen atom or an optionally substituted hydrocarbon group,

R¹⁹ is an optionally substituted heterocyclic group containing nitrogen, which is bonded via a nitrogen atom, and

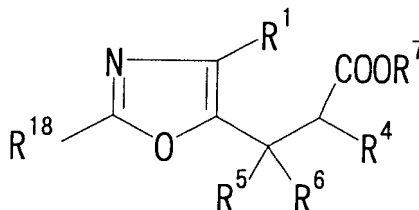
R²⁰ is an optionally substituted hydrocarbon group, or a salt thereof, which method comprises reacting a compound represented by the formula



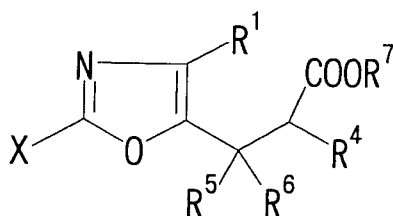
wherein R¹⁸ is an optionally substituted amino group and the other symbol is as defined above, or a salt thereof with a compound represented by the formula



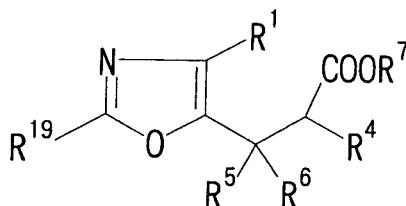
wherein R⁷ is a hydrogen atom or an optionally substituted hydrocarbon group, and other symbols are as defined above, or a salt thereof, in the presence of an acid to give a compound represented by the formula



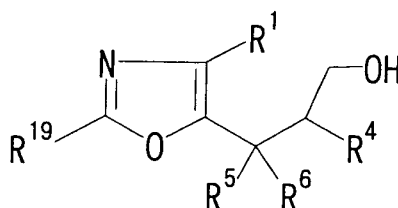
wherein the symbols in the formula are as defined above, or a salt thereof, subjecting this compound to halogenation reaction to give a compound represented by the formula



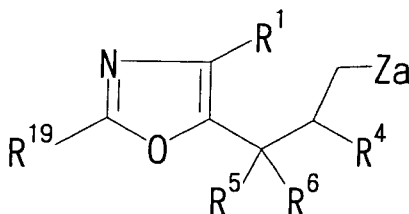
wherein X is a halogen atom, and other symbols are as defined above, or a salt thereof, reacting this compound with a compound represented by the formula: $R^{19}-H$ [R^{19} is
 5 as defined above] to give a compound represented by the formula



wherein the symbols in the formula are as defined above, or a salt thereof, subjecting this compound to a
 10 reduction reaction to give a compound represented by the formula



wherein the symbols in the formula are as defined above, or a salt thereof, reacting this compound with a
 15 compound represented by the formula: $R^{10}SO_2Cl$ [R^{10} is an optionally substituted alkyl group or an optionally substituted aryl group] or a halogenating agent to give a compound represented by the formula



wherein Za is a halogen atom or $-OSO_2R^{10}$ (R^{10} is as defined above), and other symbols are as defined above, or a salt thereof, and reacting this compound with a compound represented by the formula: $R^{20}-OH$ [R^{20} is as
5 defined above].

16. Methyl 4-(4-chlorophenyl)-2-(2-methylimidazol-1-yl)-5-oxazolepropionate.

10

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